

Form PTO-1449

Serial No. Attorney Docket No. H147 1020.2 10/618,119

Kelly Hudson

Filing Date

7/11/03

Applicant

Group 1712

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

			U.S.	PATENT DOCUMENTS	S		
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Wor	Α	5,385,298	1/31/95	Griggs	237	1R	
Dem	B	4,273,075	6/16/81	Freihage	122	126	
WAR	С	3,198,191	8/3/65	Wyszomirski	126	247	
Deu	D	4,357,931	11/9/82	Wolpert et al.	126	247	
DSM	E	4,781,151	11/1/88	Wolpert et al.	122	26	
Dem		5,188,090	2/23/93	Griggs	126	247	
D.Sm.		5,957,122	9/28/99	Griggs	124	247	
asm		3,873,414	3/25/75	Rocher et al.	162	30	
22 Su	I	5,082,526	01/21/92	Dorris	162	30	
DOS M	J	5,141,328	8/25/92	Dilley	366	305	
Delu	K	3,948,489	4/76	Sawyer	259	2	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Transl	ation
		Nulliber					Yes	No
DSM	L	2,115,383	11/16/99	Canada	F24H	1/00		
Don	M	EP 0610914B1	9/3/97	Europe	F24J	3/00		
Podra	N	2323751	11/28/74	Germany	B01F	7/26		•
Dem	9	WO 94/11096	5/26/94	PCT	B01F	5/06		
Rober	P	3327137 A1	2/9/84	Germany	B01F	3/08		~

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

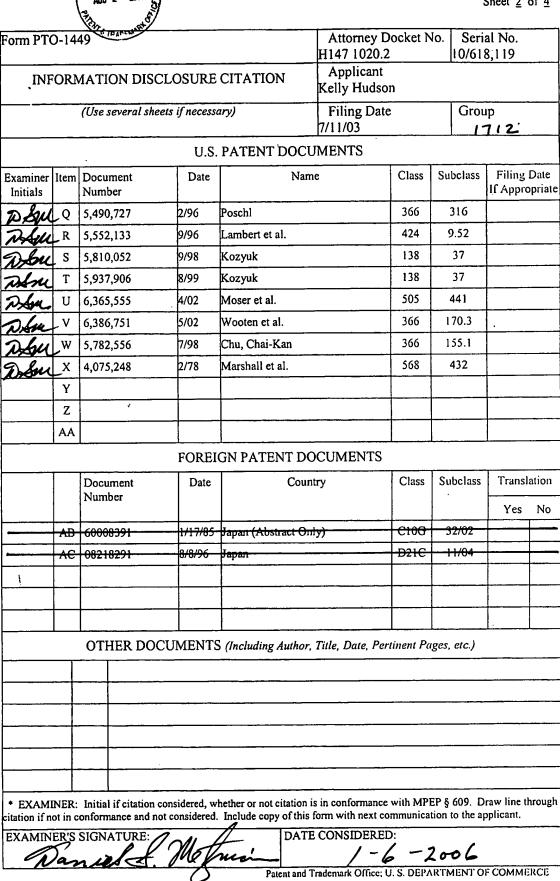
 <del></del>	 	

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

<sup>\*</sup> EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Attorney Docket No. Serial No. H147 1020.2 10/618,119 Applicant INFORMATION DISCLOSURE CITATION Kelly Hudson (Use several sheets if necessary) Filing Date Group 7/11/03 1712 U.S. PATENT DOCUMENTS Filing Date Examiner Item Document Name Class Subclass If Appropriate Initials Number AD ΑE AF AG ΑH ΑI ΑJ ΑK AL AM AN FOREIGN PATENT DOCUMENTS Document Country Class Subclass Translation Number No Yes 60008391 1/85 Japan C10G 32/02 08218291 08/96 D21C 11/04 Japan 55102491 1/79 Japan C02F 1/72 AR 60226594 4/84 C02F 1/74 Japan C02F 62213895 3/86 Japan 1/72 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) \* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. EXAMINER'S SIGNATURE: DATE CONSIDERED: 1-6-20-6
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Attorney Docket No. Serial No. H147 1020.2 10/618,119 **Applicant** INFORMATION DISCLOSURE CITATION Kelly Hudson Filing Date (Use several sheets if necessary) Group 7/11/03 1712: U.S. PATENT DOCUMENTS Class Filing Date Date Subclass Document Examiner Item Name If Appropriate Initials Number AT AU ΑV ΑW AX AY ΑZ BA BB BC BD FOREIGN PATENT DOCUMENTS Document Country Class Subclass Translation Number Yes No EP 0680779 A1 11/95 Europe OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Doc. #57111388, Japan (Abstract Only), 7/82-Doc: #1694196, Russia (Abstract Only), 11/91 DH Doc. #6039262, Japan (Abstract Only), 2/94 Doc. #62117895, Japan (Abstract Only), 9/87 \* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. DATE CONSIDERED: 1-6-2006
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

PTO/SB/08A (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE duction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 12

**INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

/•	100 00 114	,		55 (100c055),	
 					-
 4		of ∣	4		

Complete if Known					
Application Number	10/618,119				
Filing Date	07/11/03				
First Named Inventor	Kelly Hudson et al.				
Group Art Unit	1712				
Examiner Name	Metzmaier, Daniel S.				
Attorney Docket No.	H147 1020.2				

[				<b>U.S. PATENT DOCUMENT</b>	S	CLASS	SUBCLASS
		U.S. Patent			Date of Publication of	Pages Column	Lines Where
Examiner Initials	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Relevant Passo Figures	ges or Relevant Appezr-
DAIN	- 1	2,907,455		Sasaki	10/6/1959		
	_						
		ļ					
		<u> </u>					
						<u> </u>	
<u> </u>							
		ļ	<del></del>				
					<del>-  </del>		
	L	I		<u> </u>		1	L

				FORE	IGN PATENT DOCUMEN	ITS	CLASS	SUBCLA	55
Examiner Initials	Cite No.*	Office <sup>3</sup>	Foreign Patent I	Document Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Colu With Relevant Pig Relevant Fig	nns_Lines, ire 552906 Or	16
plu	2	GB	2,176,535		Rolls-Royce Limited	12/31/1986			
Phy	3	JР	48-61704		L'Air Liquide, Societe Anonyme Pour l'Etude et Exploitation des Procedes George Claude	08/29/1973		/.	
								<b>\</b>	+

Signature Panul S, Me Amou Date Considered 1-20-260	Examiner Signature	Raniel S, Me Jones	Date Considered	1-20-200
---	-----------------------	--------------------	--------------------	----------

Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached.